PATENT
2815-0243P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:	Dan PETERS et al.	Conf.:	Unknown
Appl. No.:	New - Rule 53(b) Div.	Group:	Unknown
Filed:	October 3, 2003	Examiner:	UNKNOWN

For: CERTAIN HETEROARYL DIAZACYCLOALKANES AS CHOLINERGIC LIGANDS AT NICOTINIC ACETYLCHOLINE RECEPTORS

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION WITH CONTINUATION-IN-PART OR
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 3, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No(s).	U.S. Filing Date(s)
09/528,176	March 17, 2000

III. FEES

This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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Attachment(s): ☒ PTO-1449(s)

☐ References

☐ Foreign Search Report

☐ Other:

(Rev. 09/30/03)

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY DOCKET NO.	APPLICATION NO.
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	4 8 0 6 5 3 6	1989-02-21	CROSS et al.			
	4 1 6 3 8 4 9	1979-08-07	LUMMA, JR et al			
	4 1 7 9 5 6 3	1979-12-18	BUTLER			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
	EP0 3 6 1 4 8 9	1990-04-04	EPO				
	EP0 1 5 6 4 3 3	1985-10-02	EPO				
	WO9 6 1 0 5 6 8	1996-04-11	W.I.P.O.				
	EP0 3 8 5 3 5 0	1990-09-05	EPO				
	EP0 2 1 1 4 5 7	1987-02-25	EPO				
	EP0 8 0 2 1 7 3A1	1997-10-22	EPO				
	WO9 4 1 8 9 7 8	1994-09-01	W.I.P.O.				
	WO9 8 5 6 7 9 2	1998-12-17	W.I.P.O.				
	WO9 3 2 0 8 2 1	1993-10-28	W.I.P.O.				
	WO9 7 4 1 8 5 8	1997-11-13	W.I.P.O.				
	WO9 6 1 6 0 5 8	1996-05-30	W.I.P.O.				
	GB1 4 9 2 5 2 8	1977-11-23	GREAT BRITAIN				
	WO9 9 3 2 4 6 1	1999-07-01	W.I.P.O.				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

		GEORGIEV et al., *Chemical Abstracts*, Vol. 89, No. 5 (1978), XP002097079.
		XU et al., *Chemical Abstracts*, Vol. 117, No. 17 (1992), XP002097080.
		HENRY, *Chemical Abstracts*, Vol. 66, No. 9 (1967), XP002097081.
		POPOV, *Chemical Abstracts*, Vol. 67, No. 11 (1967), XP002097082.
		SCHOENEN, *Chemical Abstracts*, Vol. 95, No. 9 (1981), XP002097083.
		DEVOR et al., *The Lancet*, (October 28, 1989), p. 1046.
		ADLER et al., *Biol. Psychiatry*, Vol. 32 (1992), pp. 607-616.
		ROWELL et al., *Journal of Neurochemistry*, Vol. 43, No. 6 (1984), pp. 1593-1598.
		HALL et al., *Biochemical Pharmacology*, Vol. 21 (1972), pp. 1879-1838.
		HÉRY et al., *Naunyn-Schmiedeberg's Arch. Pharmacol.*, Vol. 296 (1977), pp.91-97.
		TOTH et al., *Neurochemical Research*, Vol. 17, No. 3 (1992), pp. 265-271.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	4 9 7 1 9 6 9	1990-11-20	CARLIER et al.			
	4 0 1 7 6 2 2	1977-04-12	MINAMI et al.			
	3 9 4 8 8 9 8	1976-04-06	KUTTER et al.			
	4 2 5 1 5 3 0	1981-02-17	SAARI et al.			
	4 8 7 6 2 5 6	1989-10-24	COSS et al.			
	4 5 9 0 2 7 3	5-1986	Konz et al.			
	4 5 9 9 4 1 4	7-1986	Sugimoto et al.			
	3 9 2 0 6 3 6	11-1975	Takahashi et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
	EP0 3 7 0 5 6 0B1	1990-05-30	E.P.O.				
	EP0 3 6 1 2 7 1A1	1990-04-04	E.P.O.				
	WO8 8 0 7 5 2 8	1988-10-06	W.I.P.O.				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

		JP 62029575 (1987) Abstract.
		Schneider et al. (Chem. Commun. (Cambridge)) (1998), (16), 1625-1626. Abstract.
		Smithers et al. (WO 97/28129) Abstract.
		Ishii et al. (Organometallics (1997)), 16(16), 3615-3622. Abstract.
		Collis et al. (WO 97/23462) Abstract.
		Romero et al. (WO 93/01181) Abstract

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	4 9 3 7 2 4 5	1990-06-26	FEX et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
	1 4 9 2 5 2 8	1976-04-15	UK			X	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	Shiokawa et al., Abstract of WO 20/0031073-A1, June 2, 2000.
	Nielsen et al., J. Med. Chem., 43:2217-2226 (2000).
	Miura et al. (EP 385,351) Abstract
	Pavia et al. (J. Med. Chem. 1989)), 32(6), 1237-42 Abstract.
	Bartmann et al. (J. Heterocycl. Chem. (1987)), 24(3), 677-82 Abstract.
	De Oliveira Baptista et al. (J. Chem. Soc., Perkin Trans. 1 (1977)), (12), 1477-500.
	Kliegel et al. (Justus Liebigs Ann. Chem. (1977)), (6), 956-69.

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